C-A OPERATIONS PROCEDURES MANUAL

14.23.1 Operational Control Form for SMD Small Scale Tinning / Bus Bar Tinning

Text Pages 2 through 3

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials

Approved: ***Signature on File*** _____
Collider-Accelerator Department Chairman Date

Approved: ***Signature on File*** _____
Superconducting Magnet Division Head Date

M. Van Essendelft

BNL ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: _____	**COMPLETED BY:** M. VAN ESSENDELFT **DATE:** MARCH 15, 2006

1. Operation(s): SMD Small Scale Tinning/Bus-Bar Tinning (AM-527-SSP)

2. Activity(ies):

1) Atmospheric discharge from solder (use permitted hoods)
2) Waste generation (hazardous and regulated industrial)
3) Chemical storage (flammable)

3. Operational Controls (technological, operational, procedural operating criteria):

1) SBMS Subject Area: Generating Waste
2) Haz Waste 90 Day Area/Weekly Inspection Program
3) Haz Waste Satellite Accumulation Areas
4) Chemical Management System (CMS)
5) Chemicals Stored in Flammable Storage Cabinets
6) Laboratory's Title V Facility Air Emission Permit (NYSDEC 1-4722-0032/00155).
7) Log books for permitted air emission points/material use records
8) SMD OPM 2.12, "Work Control and Planning"
9) SMD OPM 8.1.1.22, "Operation of Bus Soldering Line"
10) Tier I program and self-assessments

4. Maintenance Plan(s):

1) Air hoods maintained by MMC on a "as needed basis." No processes are performed when hood is OOC. Facility Support verifies airflow through hood on an annual basis.

5. Actions to be Taken if Controls Fail:

1) Call spill response hotline – X2222
2) Local Emergency Plan
3) 90 Day Area contingency Plan

6. Records:

- Log books for permitted air hoods/material use records
- Tier I Inspection records /Tracking Database
- 90 Day Area Inspections
- Operational Control Form
- Process Assessment Form/Corrective Action Tracking Database

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OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: _____	**COMPLETED BY:** M. VAN ESSENDELFT **DATE:** MARCH 15, 2006

7. Responsibilities: [(a) to ensure controls are in place; (b) to ensure controls keep working; (c) to take action when controls fail; (d) to create and keep records relative to operational controls]

Name	Responsibility
Electrical Technician	• Maintain air hood log book/material usage information • Maintain Satellite Accumulation areas
Building Manager	• Ensure air hoods are operational
SMD Tier I Inspection Committee	• Tier I documentation
90 Day Area Manager/ESH Coordinator	• Maintain 90 Day Area per Hazardous Waste Subject Area
ECR	• Update Process Assessment Forms

8. Training:

Name	Training	Date
90 Day Area Manager/ESH Coordinator Technician Supervisor Electrical Technician	RCRA 90-Day Area Manager (HP-90 Day) Haz. Waste Generator (HP-RCRIGEN 3) AM-ENV-FS5	See BTMS Database